

L2B ANSWER 3 OF 16 CAPLUS COPYRIGHT 2002 ACS
AN 1996:624816 CAPLUS

DN 125:249556

TI Self-extinguishing styrenic resin compositions with dripping during burning
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PA Asahi Chemical Ind, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	JP 08208939	A2	19960813	JP 1995-16944	19950203 <--	
AB	The title compns. comprise (A) 100 parts rubber-modified styrenic resins, (B) 4-8 parts tetrabromobisphenol A and polyhalogenated aliph. ether derivs., (C) 20-50% (vs. B, B + C) req. 10 parts polyhalogenated diphenylalkanes, (D) 20-50% (vs. B) Sb2O3, and (E) 0.0005-0.05% (as Si) org. polysiloxanes. Thus, 100 parts polybutadiene-modified polystyrene was kneaded with 4 parts FG 3100, 1 part Saytex 8010, 1 part Sb2O3, and 0.005% TGF 451-100 and injection-molded to obtain a test piece showing Izod impact strength 9 kg-cm/cm, flexural modulus 25,000 kg/cm ² , heat distortion temp. 80.degrees., UL-94 fire resistance rating V-2, and dripping and good self-extinguishing properties during a flammability test.					